

IgY Against Dental Caries and Dental Caries – Preventive Combination

Abstract of the Disclosure

For the purpose of preparing the immunoglobulin of yolk (IgY) against dental caries bacteria and the combination, Streptococcus mutans type c and type d are used as antigen bacteria, the antibody is purified by water dilution, DEAE-Sephadex A50 and Sephadex G200 chromatography. It is low cost of production, high titer, strong resistance to osmotic pressure, and high immune activity and wide range of cross-reaction to streptococcus mutans. Present invention provides the combination preventing dental caries wherein the effective components are IgY and antiseptic features in safe use and effective prevention; The combination is effectively preventing dental caries.